A SUMMARY OF RECORDS OF LASIOCEPHALA BASALIS (KOLENATI) (TRICH.: SERICOSTOMATIDAE) FROM THE AREA ADMINISTERED BY WELSH WATER

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Lasiocephala basalis is probably scarce in the U.K. although there are published records of adults from scattered localities (e.g. Breconshire, Powys: Moseley, 1929; Staffordshire: Daltry, 1933; north-west England: Routledge, 1933; Yorkshire: Brown and Whitehead 1938; Carmarthenshire, Dyfed: Jenkins, 1979). Crichton et al. (1978) did not record the species between 1965 and 1971 from any of 67 Rothamsted traps distributed throughout the U.K. Larvae have been previously recorded from Bere Stream, Dorset (Hiley, 1972 and pers. comm.), from the River Taf at Whitland, Carmarthenshire (Jenkins, 1975) and from a stream near Ross-on-Wye, Herefordshire (Dr. I. D. Wallace, pers. comm.).

Further records of larvae, pupae and adults are now available from the area administered by Welsh Water (formerly Welsh Water Authority) and were compiled, together with some ecological aspects of the sites, from surveys by Welsh Water (R.A.J.), from the Freshwater Biological Association River Communities Project (Dr. J. F. Wright, unpubl.), from a survey of 45 sites in the catchment of the River Wye (S.J.O. vouchers confirmed by Dr. D. Hiley) and from specimens and records held at Liverpool City Museum (Dr. I. D. Wallace, pers. comm.). The recent records (1974 - present) are summarised in Table 1 and their distribution is shown in Fig. 1. The records generally confirm that L. basalis is widespread, but rather local in Wales. Larval and pupal occurrences were generally in the mid to lower reaches of rivers which had total hardnesses in excess of 30 mg 1^{-1} (as Ca CO₃). The most mature specimens generally occurred in March and April and at the river margins, although specimens were also taken from mid stream and in riffles at some of the sites.

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4 Wright unpubl. ; 5 Welsh Water unpubl. ; 6 Liverpool City Museum ; 7 Ormerod unpubl.

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TABLE 1. All records since 1974 of Lasiocephala basalis Kol. in the area administered by Welsh Water.	75	180	260	120	132	170	40	40 120	15	15	11	12	15	20	(m.O.D.)
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LASIOCEPHALA BASALIS IN WALES

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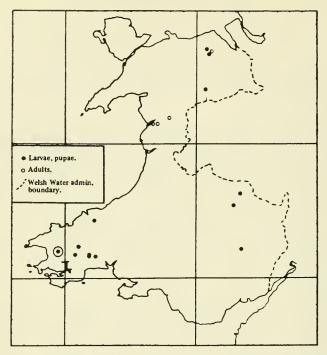


FIGURE 1. All records since 1974 of *Lasiocephala basalis* Kol. Open symbols: adults : Closed symbols : larvae and pupae. Encircled record : pupal case only.

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